



US008602833B2

(12) **United States Patent
Binder**

(10) **Patent No.:** **US 8,602,833 B2**
(45) **Date of Patent:** **Dec. 10, 2013**

(54) **PUZZLE WITH CONDUCTIVE PATH**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 777 days.

(21) Appl. No.: **12/568,834**

(22) Filed: **Sep. 29, 2009**

(65) **Prior Publication Data**

US 2011/0031689 A1 Feb. 10, 2011

Related U.S. Application Data

(60) Provisional application No. 61/231,824, filed on Aug. 6, 2009, provisional application No. 61/236,615, filed on Aug. 25, 2009.

(51) **Int. Cl.**
A47G 1/06 (2006.01)

(52) **U.S. Cl.**
USPC **446/124**; 273/149 R; 273/156; 273/157 R;
273/460; 463/7; 463/9; 463/31; 463/37

(58) **Field of Classification Search**
USPC 273/149 R, 153–156, 157 R, 460;
463/16, 21, 31, 42, 7, 9, 37; 446/124;
434/406

See application file for complete search history.

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(57) **ABSTRACT**

System and method for additional amusement, entertaining and surprising visual or audible reward provided upon completing the reconstructing of a two-dimensional or three-dimensional jigsaw puzzle. The puzzle pieces include conductive pads connected by a conductor such as a wire, a metallic strip or a conductive paint, so that upon assembling the puzzle, the pads are in contact to form a continuous conductive path. The frame or the puzzle pieces include a battery (or an AC adapter) and a visual or audible signaling device operating upon sensing the continuity of the conductive path. Each of the puzzle pieces may include three or more conductive pads, allowing for the forming two or more isolated or connected distinct conductive paths. The conductive path can further affect a time measurement and its related display for timing the puzzle solving.

96 Claims, 48 Drawing Sheets

